

Additional file 2

Supplementary Table S1. Gene-specific primer pairs used for RT-PCR (right) or real-time PCR (left) analysis of mRNA expression of rice actin depolymerizing factor (*OsADF*) in rice and in *Arabidopsis*.

| Gene name | Primer name | Sequence (5'-3') | Amplicon (bp) | Gene name | Primer name | Sequence (5'-3') | Amplicon (bp) |
|----------------|------------------|----------------------------|---------------|-----------------|---------------------|----------------------------------|---------------|
| <i>OsADF1</i> | <i>OsADF1-F</i> | AAACACAAGCCGGTTACTGC | 273 | <i>AtUBC10</i> | <i>AtUBC10-Q-F</i> | CATCTTTGTGAAAAC TAGAATCTGATCA | 83 |
| | <i>OsADF1-R</i> | ACCAAGCATGGTGGAAAGGACT | | AT5G53300 | <i>AtUBC10-Q-R</i> | TCACACAACGAAAACATCAAATCAT | |
| <i>OsADF2</i> | <i>OsADF2-F</i> | CGATCACCTGCGAATCTCAA | 235 | <i>AtABF4</i> | <i>AtABF4-Q-F</i> | CATTTTGTGCCCTGACCTTTG | 87 |
| | <i>OsADF2-R</i> | GGGAGAGGGGTGTTTCATACG | | AT3G19290 | <i>AtABF4-Q-R</i> | TTAGAAACCCCTAACACCAAGAAAGC | |
| <i>OsADF3</i> | <i>OsADF3-F</i> | AGGACCACACCTCCTAATTAATCAC | 162 | <i>AtRD22</i> | <i>AtRD22-Q-F</i> | CTTCCTCCCGGAGACTCATG | 75 |
| | <i>OsADF3-R</i> | CGTCTCTTTATTATTCGCGTAATGT | | AT5G25610 | <i>AtRD22-Q-R</i> | TACATAACCCACAATAAGATAGAAAACAGATC | |
| <i>OsADF4</i> | <i>OsADF4-F</i> | TGAATGGCATTCAAGTTGGAA | 226 | <i>AtDREB2A</i> | <i>AtDREB2A-Q-F</i> | TGTTGATTCTCTATCCGAGTTTAAAGT | 148 |
| | <i>OsADF4-R</i> | CGAAATACAGGATAGAGCCA | | AT5G05410 | <i>AtDREB2A-Q-R</i> | GAACAACCTTAAGAGAAAGCAGACTAACAAA | |
| <i>OsADF5</i> | <i>OsADF5-F</i> | GGCTTGCGGCGCTGTACTTA | 250 | <i>AtRD29A</i> | <i>AtRD29A-Q-F</i> | AAGGAGCTTTAAGAAATATGAGAACTGAGA | 78 |
| | <i>OsADF5-R</i> | GTACCCGACATGGGACGTTT | | AT5G52310 | <i>AtRD29A-Q-R</i> | CATCAAAGACGTCAAACAAAACACA | |
| <i>OsADF6</i> | <i>OsADF6-F</i> | ATTAACCAAGATGTTCCCAA | 230 | <i>AtPIP1;4</i> | <i>AtPIP1;4-Q-F</i> | GGCAAAGGGTCTCTGAAGTCTAAGG | 129 |
| | <i>OsADF6-R</i> | GATCATCTAGTTTACAGGAGTAC | | Atg00430 | <i>AtPIP1;4-Q-R</i> | AACCAACCCGAGAACTTGATGTTG | |
| <i>OsADF7</i> | <i>OsADF7-F</i> | ATTTATTTAGCTTGACTGTCTGCC | 251 | <i>AtPIP2;6</i> | <i>AtPIP2;6-Q-F</i> | TTTCGAAC TAGCGAAGAGGTGAAG | 132 |
| | <i>OsADF7-R</i> | -AGTCGAATATGGCGTATCTG | | At2g39010 | <i>AtPIP2;6-Q-R</i> | AGACACAGTAAATGTCACCTACCCG | |
| <i>OsADF8</i> | <i>OsADF8-F</i> | ATGGTGGGTGCGCGCTCGCC | 200 | | | | |
| | <i>OsADF8-R</i> | ACGGCGTCGGCCGGAAAGCGA | | | | | |
| <i>OsADF9</i> | <i>OsADF9-F</i> | TCATATCATTTTCATCCTCAACACC | 362 | | | | |
| | <i>OsADF9-R</i> | GCCAACAAATTGCATCAATACAACCT | | | | | |
| <i>OsADF10</i> | <i>OsADF10-F</i> | AGAGATTGACTTCGATAGTTTG | 206 | | | | |
| | <i>OsADF10-R</i> | CCATATCATATTAGAGGGAA | | | | | |
| <i>OsADF11</i> | <i>OsADF11-F</i> | TCAATCAATCAATCACTAGG | 156 | | | | |
| | <i>OsADF11-R</i> | GCACAGTTGTACTTCAACA | | | | | |
| <i>OsUBI</i> | <i>OsUBI-F</i> | CGCAAGTACAACCAAGGACAA | 101 | | | | |
| | <i>OsUBI-R</i> | TGGTTGCTGTGACCACACTT | | | | | |
| <i>AtUBC10</i> | <i>AtUBC10-F</i> | TGGATATGGCGTCGAAAGC | 400 | | | | |
| | <i>AtUBC10-R</i> | GTGGGATTTCCATTTAGCC | | | | | |

(F: Forward primer; R: Reverse primer)

(Supplementary Table S1, Huang *et al.*, 2012)